AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions of claims in the application:

Listing of Claims:

1. (Previously Presented) A computer-implemented method to process a document, comprising:

analyzing features of a document; and

generating a set of domain models, as a function of the analyzed features, that represent the document

2. (Previously Presented) The method of claim 1, wherein a domain model relates to a simple type, or a complex type, and:

if a property for the domain model is of the simple type, populating the domain model with a value according to the document being represented; and

if a respective property type for the domain model is of the complex type, selectively adding another domain model as the value for that property, according to the document being represented.

3. (Previously Presented) The method of claim 1 further comprising:

searching the set of domain models to determine a subset of features of the document that match search criteria.

4. (Previously Presented) The method of claim 2, comprising:

analyzing the set of domain models by determining values of properties from at least one model.

5. (Previously Presented) The method of claim 1, comprising:

describing the document as instances of the respective models of the set.

6. (Previously Presented) The method of claim 1 comprising:

setting values in at least one of the models that represent supplemental information not in the document but is associated *to* the document.

7. (Previously Presented) The method of claim 2, comprising:

an automated process where a list of conditions must be met in the document to populate a property with a value or set of values.

8. (Previously Presented) The method of claim 1, wherein the analyzed features of the document comprises keywords.

9. (Previously Presented) A computer-implemented method to facilitate locating a document, comprising:

receiving a query related to locating the document; and

searching across a plurality of domain models that respectively represent a plurality of documents; and

identifying a set of the domain models that match criteria of the receive query.

10. (Previously Presented) A system to process documents comprising:

means for modeling a domain with a plurality of domain models;

means for representing respective documents as a collection of at least one domain model; and

means for populating the at least one domain model with values corresponding to properties of respective documents being represented.

11. (Previously Presented) A machine readable medium storing a set of instructions that, when executed by a machine, cause the machine to:

model a domain with a plurality of domain models;

represent a document as a collection of at least one domain model; and populate the at least one domain model with values corresponding to properties of the document being represented.

12. (Previously Presented) The method of claim 1, wherein generating the domain models comprises structuring the domain models so as to be searchable by a querying system.

13. (Previously Presented) The method of claim 1, comprising representing portions of the documents with respective instances of a subset of the generated domain models.

14. (Previously Presented) The method of claim 13, wherein the respective instances are computation ready representations of the portions of the documents that can be understood by a plurality of computer applications.

15. (Previously Presented) The method of claim 1, wherein the generated domain models can be queried in connection with locating a collection of documents.

16. (Previously Presented) The method of claim 1, wherein a hierarchy of domain models are generated as a function of respective analyzed features.

17. (Previously Presented) The method of claim 9, comprising searching across the domain models in connection with locating a collection of documents.